

• IMPORTANT SAFETY NOTICE

Please read below safety instructions carefully before installation and operation:

1. Please pay attention to all the warnings and hints on this device.
2. Do not expose this unit to rain, moisture and liquid.
3. Do not put any stuff into the device.
4. Do not repair the device or open the enclosure without professional person guidance to avoid electronic shock.
5. Make sure good ventilation openings to avoid product overheating damage.
6. Shut off power and make sure environment is safe before installation.
7. Use DC5V/1A only. Make sure the specification matched if using 3rd party DC adapters.

• INTRODUCTION

This Zero Latency HDMI Wireless Extender include Transmitter and Receiver, it is the solution to transmit high definition video and audio to any HDTV display up to 30 meters without any delay. It supports resolutions up to 4Kx2K@30Hz(3840x2160@30Hz), supports 1080p 3D, CEC, and 7.1-channels of High Bit Rate (HBR) lossless digital audio such as Dolby TrueHD, DTS-HD Master Audio. It's uncompressed and without latency, and supports point to point configuration, but also supports 2 to 1 configuration. It is a ideal solution for exciting gaming, 3D movies and live video applications .

Note:

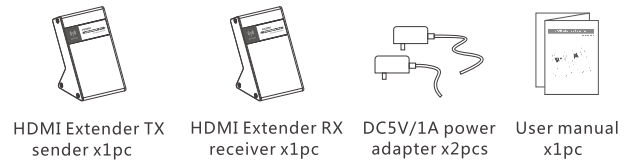
- 1) Transmission distance will be different due to the environment.
- 2) Wall, brick or glass will shorten the signal cover range or cause big signal loss.

• FEATURES

1. Support 1080P 3D
2. Low power consumption

3. Uncompressed transmission, zero latency
4. Support CEC
5. 30 meters long range transmission sight distance
6. Resolution supported is up to 4Kx2K@30Hz ultra HD
7. Supports Dolby, TrueHD, DTS-HD Master Audio and LPCM digital audio streams up to 7.1 channels
8. Support point to point configuration(Max 2kits within a room), 2 to 1 configuration

• PACKAGE CONTENTS

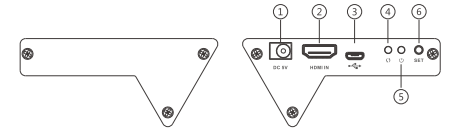


• INSTALLATION REQUIREMENT

1. HDMI source device (DVD, PS3, Set top box, PC etc)
2. HDMI display device like SDTV, HDTV, and projector with HDMI port.

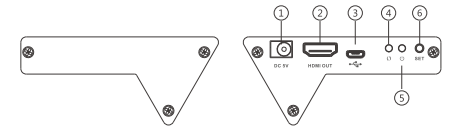
• PANEL DESCRIPTION

1. HDMI Extender TX sender



① Power input	Connect with 5V1A power adapter
② HDMI input	Connect with HDMI source device
③ Micro USB	Connect to the source USB port via USB to Micro-USB cable(optional)
④ Data transmission indicator	LED slow blink means the unit has started radio transmission and has not yet found the receiver, transmitter is in scan mode, searching for a matching receiver; LED fast blink means the transmitter and receiver have been connected well with each other; LED on means the transmitter and receiver have established an audio or video connection, user can be able to see this transmission happening on the display attached to the receiver.
⑤ Power indicator	LED indicator turn on when power on
⑥ SET button	Long press(>10 seconds): set to factory default function

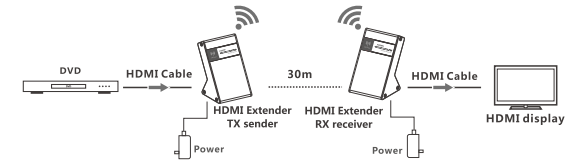
2. HDMI extender RX receiver



① Power input	Connect with 5V1A power adapter
② HDMI output	Connect with HDMI display device
③ Micro USB	Connect to the source USB port via USB to Micro-USB cable(optional)
④ Data transmission indicator	LED slow blink means the unit has started radio transmission and has not yet found the transmitter, receiver is in beacon mode, searching for a matching transmitter; LED fast blink means the transmitter and receiver have been connected well with each other; LED on means the transmitter and receiver have established an audio or video connection, user can be able to see this transmission happening on the display attached to the receiver.
⑤ Power indicator	LED indicator turn on when power on
⑥ SET button	Long press(>10 seconds): set to factory default function When the button is short pressed on the receiver side, and if other transmitter sources are available in its network, the receiver will give up the current video connection and connect with the next available source

• CONNECTION

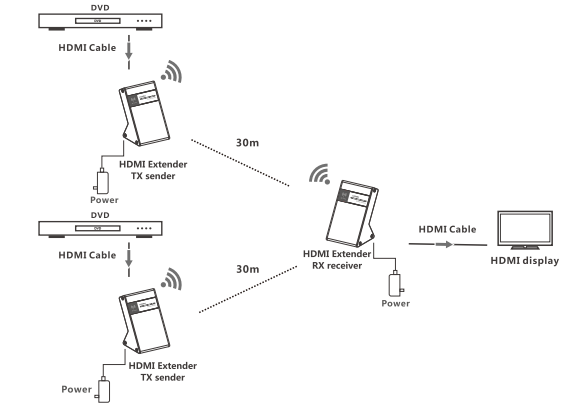
1. Point to point connection:



Note: 1. Max 2 kits within a room.

2. When the transmitter and the receiver are placed face to face of each other, the transmission distance is up to 30meters; when the transmitter and the receiver are placed freely, transmission distance is up to 8meters.

2. Two to one connection:



Note: When the transmitter and the receiver are placed face to face of each other, the transmission distance is up to 30meters; when the transmitter and the receiver are placed freely, transmission distance is up to 8meters.

Connection instruction:

- 1) Connect HDMI source device with the transmitter HDMI input port.
- 2) Connect HDMI display device with the receiver HDMI output port.
- 3) Plug the power supply into the unit(power led illuminates) and it works.

Note:

- 1) **Long press(> 10 seconds) reset to factory default must with each other before using.**
- 2) When connecting the transmitter with the receiver, it is better to place the transmitter and the receiver opposite to each other for successful connection.
- 3) When the wireless signal transmits through wall, glass or other obstacles, it will cause signal loss. Please install this device in good environment with few obstacles.

FAQ

Q: Transmitter and receiver can't be connected with each other?

- A: 1) Please check if the data transmission indicator light on product keeps on.
- 2) Restart the receiver, or Long press SET button(> 10 seconds) to reset to factory default.
 - 3) Reconnect the HDMI cable.

Q: The data transmission LED indicator of the transmitter blink slowly, but no signal output on display/monitor?

- A: 1) please check if there is an HDMI signal input of sender TX.
- 2) Try to connect the signal source directly to display device to see if there is signal output from source device or change the signal source, HDMI cables and try again.

Q: Display not fluent and stable

- A: 1) Please change the position of sender (TX) and receiver (RX) and make sure devices are within the signal coverage.
- 2) Restart the transmitter or receiver.
 - 3) Reconnect the HDMI cable.
 - 4) Remove other wireless signal disturbance and reduce the obstacle on the way.

• SPECIFICATION

Items	Specification
Power supply	DC5V/1A
Power consumption	TX < 2.5W RX < 2.5W
HDMI compliance	HDMI1.4
HDCP compliance	HDCP2.2
HDMI resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 1080p@50/60Hz/120Hz, 3840x2160@24/30Hz
Audio formats Supported	CH 7.1/LPCM/DTS-HD/Dolby-AC3
Maximum transfer rate	10.2Gbps
Input and output TMDS signal	0.7~1.2Vp-p(TMDS)
Input and output DDC signal	5Vp-p(TTL)
Transmission method	60G Wireless transmission
Transmission distance	30 Meters (When the transmitter and the receiver are placed face to face of each other, the transmission distance is up to 30meters; when the transmitter and the receiver are placed freely, transmission distance is up to 8meters)
Latency	zero latency

Electrostatic protection of the whole machine	1a Contact discharge level 3
	1b Air discharge level 3
	Standard: IEC61000-4-2
Working temperature	0~40°C
Storage temperature	-20~70°C
Humidity (no condensation)	0~90%
Dimension	78.9(W) x 45.7(D) x 54.0(H)mm
Material	Aluminium alloy material
Weight	TX : 120g , RX : 120g

Disclaimer

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HDMI Wireless Extender

User manual

